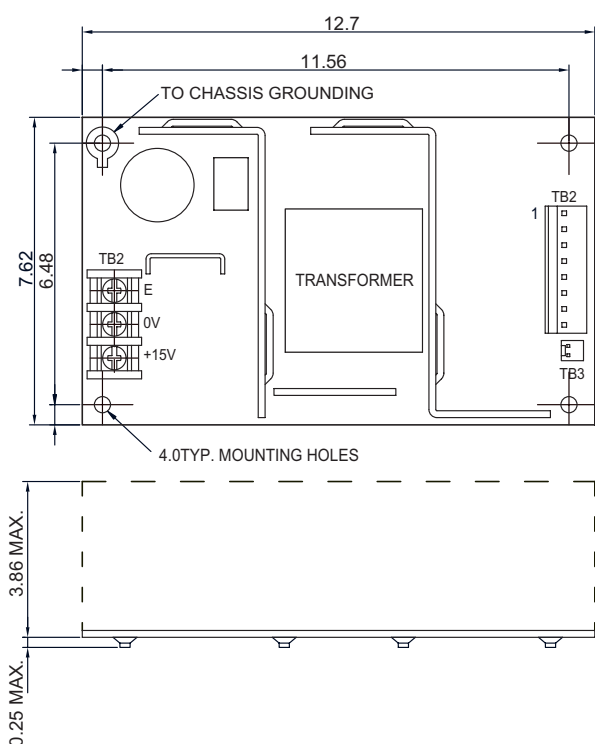


Power Supply

BPW-8071

70W DC-DC Open Frame Power Supply
 Input Range: 10~30VDC
 Output 70W with 22FCM Fan Required



Pin	Output	Output	Min. Load	Rated Load	Max. Load	Tolerance
1~3	+5V	+5V	0A	10A	14A	5~5.1V
4~6	GND	+12V	0A	1.5A	3A	11.3~12V
7	+12V	-12V	0A	0.3A	---	-10.8~-12V
8	-12V					

★ Specifications

- * **Input Voltage:** 10~30VDC with normal line at +24VDC
- * **Input Frequency:** 47~63Hz
- * **Input Current:** 13A at 10VDC max.
- * **Inrush Current:** < 15A at 10VDC input from cold start excluding EMI capacitors
- * **Load Range:** With all other outputs within their specified voltage accuracy ranges and 60% rated load conditions, the +5V output is between 5~5.1V. It could last 10 sec. at peak load and 25°C
- * **Ripple and Noise:** Peak to peak ripple and noise for +5V is < 50mV, and < 100mV for the other
- * **Line Regulation:** < +/-2% for each output at rated load and < +/-10% +12V and +24V input variables
- * **Load Regulation:** < +/-1% for +5V, < +/-5% for +12V and -12V
- * **Efficiency:** > 70% at nominal line and rated load
- * **Altitude:** > 10,000 feet
- * **Protection:** Built-in over voltage protection circuit. Trip point of crowbar circuit is between 5.7~7V hiccup mode against short circuit or over load conditions auto recovery when fault conditions are removed O.C.P. of +5V is 20A max.
- * **Temperature:** 0~50°C (operating); -40~+85°C (storage)
- * **Connectors:**
 DC Input: Terminal blocks
 DC Output: Molex 5273-04A or equivalent device
 For Fan Use Only: Molex 5045-02A or equivalent device
- * **Dimensions:** 12.7 x 7.62 x 3.86 cm at tolerance +/-0.4mm

Safety Standards

- * **Safety:** UL 1950, CSA 22.2 No.234, VDE EN 60 950
- * **EMI:** FCC Class B, EN55022B
- * **EMS:** Level 3 of IEC-802, 803, 804

The Industrial PC Authority



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